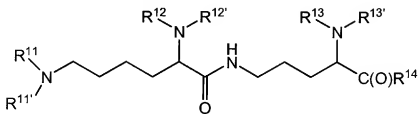


Amendment to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Original) A peptide having the formula:

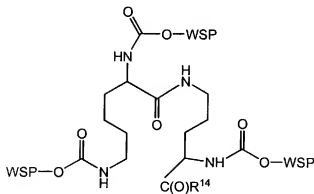


wherein

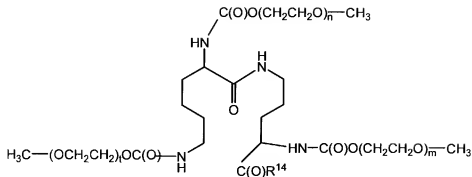
R¹¹, R^{11'}, R¹², R^{12'}, R¹³ and R^{13'} are independently selected from H, substituted or unsubstituted alkyl and water-soluble polymers, with the proviso that at least two of R¹¹, R^{11'}, R¹², R^{12'}, R¹³ and R^{13'} are water-soluble polymer moieties; and R¹⁴ is a member selected from OH, reactive functional groups, a group comprising a saccharide moiety or a group that is linked to a carrier molecule.

2. (Original) The peptide according to claim 1, wherein said water-soluble polymer moieties comprise poly(ethylene glycol).

3. (Original) The peptide according to claim 2, having the formula:



4. (Original) The peptide according to claim 2, having the formula:



in which

m, n and t are members independently selected from the integers from 1 to 20,000.

5. (Original) The peptide according to claim 1, wherein R^{14} comprises a saccharide moiety.

6. (Original) The peptide according to claim 5, wherein said saccharide moiety is a nucleotide sugar.

7. (Original) The peptide according to claim 5, wherein said saccharide moiety is conjugated to a member selected from a second peptide and a lipid.

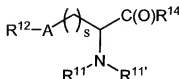
8. (Original) The peptide according to claim 5, wherein said saccharide moiety is conjugated to a member selected from an amino acid and a glycosyl residue of said peptide.

9. (Original) The peptide according to claim 8, wherein said saccharide moiety is a glycosyl linking group between said peptide and said second peptide.

10. (Original) The peptide according to claim 9, wherein said saccharide moiety is an intact glycosyl linking group between said peptide and said second peptide.

11. (Original) A pharmaceutical formulation comprising the peptide according to claim 1 wherein R^{14} comprises a carrier molecule that is a member selected from therapeutic moieties, and a pharmaceutically acceptable carrier.

12. (Currently amended) An amino acid having the formula:



wherein

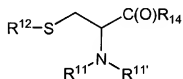
A is a member selected from O, NH and S;

Amendment dated September 11, 2009

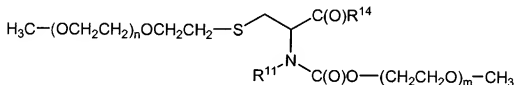
R^{11} , $R^{11'}$, and R^{12} are independently selected from H, substituted or unsubstituted alkyl and water-soluble polymers, with the proviso that at least two of R^{11} , $R^{11'}$, and R^{12} are water-soluble polymer moieties; and R^{14} is a member selected from OH, reactive functional groups, a group comprising a saccharide moiety or a group that is linked to a carrier molecule; and s is an integer selected from between 1 and 5.

13. (Original) The amino acid according to claim 12, wherein said water-soluble polymer moieties comprise poly(ethylene glycol).

14. (Currently amended) The amino acid according to claim 12, ~~wherein said water-soluble polymer moieties have~~ having the formula:



15. (Currently amended) The amino acid according to claim 14, having the formula:



wherein

m is an integer selected from between 1 and 10,000; and

n is an integer selected from between 1 and 10.

16. (Original) The amino acid according to claim 12, wherein R^{14} comprises a saccharide moiety.

17. (Original) The amino acid according to claim 16, wherein said saccharide moiety is a nucleotide sugar.

18. (Currently amended) The amino acid according to claim 16, wherein said saccharide moiety is conjugated to a member selected from a ~~second~~ peptide and a lipid.

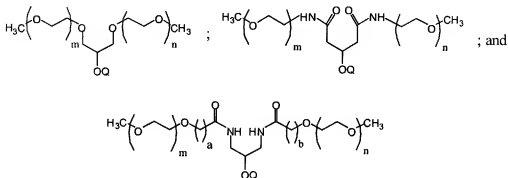
19. (Currently amended) The amino acid according to claim 16, wherein said saccharide moiety is conjugated to a member selected from an amino acid and a glycosyl residue of a said peptide.

20. (Currently amended) The amino acid according to claim 19, wherein said saccharide moiety is a glycosyl linking group between an amino acid ~~said peptide~~ and a ~~said second~~ peptide.

21. (Currently amended) The amino acid according to claim 20, wherein said saccharide moiety is an intact glycosyl linking group between an amino acid said peptide and a said second peptide.

22. (Original) A pharmaceutical formulation comprising the amino acid according to claim 12 wherein R¹⁴ comprises a carrier molecule that is a member selected from therapeutic moieties, and a pharmaceutically acceptable carrier.

23. (Original) A branched water-soluble polymer having a formula that is a member selected from:



in which

Q is a member selected from H, a member comprising a carrier molecule and an activating group, such that C(O)Q' is a reactive functional group; and

m and n are integers independently selected from 1 to 20,000.

24. (Original) The branched water-soluble polymer according to claim 23, wherein Q' is a member selected from halogen, pentafluorophenyl, HOBT, HOAt, and p-nitrophenol.

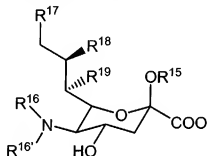
25. (Original) The branched water-soluble polymer according to claim 23, wherein Q' comprises a saccharide moiety.

26. (Original) The branched water-soluble polymer according to claim 25, wherein said saccharide moiety is a nucleotide sugar.

27. (Original) The branched water-soluble polymer according to claim 25, wherein said saccharide moiety is conjugated to a member selected from a second peptide and a lipid.

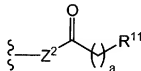
28. (Original) The branched water-soluble polymer according to claim 25, wherein said saccharide moiety is conjugated to a member selected from an amino acid and a glycosyl residue of said peptide.

29. (Original) The branched water-soluble polymer according to claim 28, wherein said saccharide moiety is a glycosyl linking group between said peptide and said second peptide.
30. (Original) The branched water-soluble polymer according to claim 29, wherein said saccharide moiety is an intact glycosyl linking group between said peptide and said second peptide.
31. (Original) A pharmaceutical formulation comprising the amino acid according to claim 23 wherein Q' comprises a carrier molecule that is a member selected from therapeutic moieties, and a pharmaceutically acceptable carrier.
32. (Original) A branched water-soluble polymer having the formula:



in which

R¹⁶, R^{16'}, R¹⁷, R¹⁸ and R¹⁹ are members independently selected from H, OH, NH₂, NHAc and:



(I)

wherein

Z² is a member selected from O, S, CH₂ and S

R¹¹ is a water-soluble polymer, and

the index "a" represents an integer from 0 to 20,

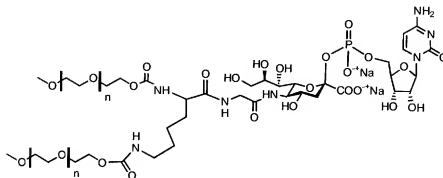
with the proviso that at least two of R¹⁶, R^{16'}, R¹⁷, R¹⁸ and R¹⁹ have a structure according to Formula I, and

R¹⁵ is a member selected from H, a nucleotide sugar, and a bond to a carrier molecule.

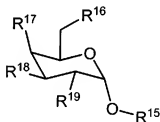
33. (Original) The branched water-soluble polymer according to claim 32, wherein said water-soluble polymer comprises poly(ethylene glycol).

34. (Original) The branched water-soluble polymer according to claim 32, wherein said carrier molecule is a member selected from peptides and lipids.

35. (Original) The branched water-soluble polymer according to claim 32, having the formula:

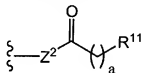


36. (Original) A branched water-soluble polymer having the formula:



wherein

R^{16} , R^{17} , R^{18} and R^{19} are members independently selected from H, OH, NH_2 , NHAc and:



(I)

wherein

Z^2 is a member selected from O, S, CH_2 and S

R^{11} is a water-soluble polymer, and

the index "a" represents an integer from 0 to 20,

with the proviso that at least two of R^{16} , $R^{16'}$, R^{17} , R^{18} and R^{19} have a structure according to Formula I; and

R^{15} is a member selected from H, a nucleotide sugar, and a bond to a carrier molecule.

- 1 37. (Original) The branched water-soluble polymer according to claim 36, wherein said water-
2 soluble polymer comprises poly(ethylene glycol).

- 1 **38.** (Original) The branched water-soluble polymer according to claim 36, wherein said carrier
2 molecule is a member selected from peptides and lipids.
- 1 **39.** (New) The amino acid according to Claim 13, wherein said poly(ethylene glycol) moieties have
2 a molecular weight selected from 5 Kd, 10 Kd, 20 Kd, and 30 Kd.
- 1 **40.** (New) The amino acid according to Claim 13, wherein said poly(ethylene glycol) moieties have
2 a molecular weight of 20 Kd.